

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



**CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	HALLIBURTON (TCP)	<b>Report No:</b>	QC-24-08-HAL-TCP-NDT-037	
<b>Location:</b>	HALLIBURTON TCP YARD	<b>Job Number:</b>	QC-24-08-HAL-TCP-002	
<b>Date:</b>	Wednesday, August 14, 2024	<b>Next Inspection Date:</b>	Thursday, February 13, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)



<b>UNIT DESCRIPTION:</b>	7" H PLATE
<b>UNIT S/N:</b>	HP-22
<b>SWL</b>	80000 LBS
<b>INSPECTION RESULT :</b>	
<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
<b>MAGNETIC PARTICLE INSPECTION</b>	Full Body areas inspected and found free from cracks and other defects
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection
<b>COMMENT:</b>	
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	



EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> RAO SOHAIL		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025					
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025					
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					
<b>Cal Due Date:</b>	16.OCT.2024	<b>Black Magnetic Ink Concentration</b>	7 HF	<b>1.2 to 2.4 ml/100 ml</b>	<b>EXPIRE DATE:</b>	Jul-25				

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021



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